



07 Feb 1933

The Missouri Miner, February 07, 1933

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THE MISSOURI MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME 19

ROLLA, MO., TUESDAY, FEBRUARY 7, 1933

NUMBER 18

M. S. M. MEN ON COUNCIL

Both Well-known

D. C. Jackling and A. P. Green Chosen for Posts on Advisory Board; Both Pioneers in Their Particular Fields

The names of Daniel C. Jackling and A. P. Green are familiar to all of us, and it is gratifying to know that both men have been chosen to serve on the University Advisory Council. Mr. Jackling attended M. S. M. a long time ago—graduating in the class of 1892, while Mr. Green was of the class of 1898. Both are pioneers in their particular fields—Mr. Green in the development of the clay of deposits of Missouri and Mr. Jackling in the development of low-grade copper ores in the West.

Mr. Green literally "grew up" with the fire clay industry of Missouri; he was one of the very first to see the great possibilities, and has developed one of the greatest plans in the country. His company has its main office and plant at Mexico, Mo., with plants and offices scattered all over the world. His son, A. P., Jr., was graduated from M. S. M. in 1932, with a degree of Mechanical Engineering, while Robert S. Green, another son, completed last December his work for a degree in Ceramic Engineering which he is to receive this spring.

It was largely through Mr. Green's generosity that the Ceramic Department was added to the School of Mines and the splendid equipment furnished to the school.

Mr. Jackling, now a resident of San Francisco, pioneered in a different field. He contributed a great deal to the world when he set out to develop the low-grade copper ores of the great West. The great mine of the Utah Copper Company, of which Mr. Jackling is president, now produces something like one-fifteenth of the world's supply of copper annually. And that's no small amount of copper! Besides developing this mine near Salt Lake City, Jackling has found time to become connected both executively and directorially with a large number of copper companies, railroads, and banks. And you know about the Jackling Loan Fund.

Both of those alumni have demonstrated their keen interest in M. S. M. (Mr. Jackling is at present president of our Alumni Association). They are not only a credit to M. S. M., but a credit as well to the Advisory Council which Dr. Williams has created and in the formation of which Dr. Fulton made valuable suggestions.

The council was formed in the early part of last December, and numbers thirty-eight members. It

(See COUNCIL Page 8)

St. Pat's Dance to Be Held Feb. 21

The St. Pat's Board, which met in the club room of the Metallurgy Building last Thursday evening, decided that a dance will be given in the gymnasium on Feb. 21. It was decided that tickets for the dance would be fifty cents for those with dates and seventy-five cents for stags. Tuesday, Feb. 22, being Washington's birthday, is a holiday so there is no reason why a large number should not attend the dance. Music will be furnished by the Varsity Orchestra.

The members of the Board now have agreements of the same type as those used during the past two years and everyone who expects to attend St. Pat's should sign one at once in order that the budget may be more accurately estimated. The tickets are \$4.00 for both nights including tax or \$2.75 for either night including tax.

—MSM—

A. S. M. E. Group Meets Tuesday

Last Tuesday night, Jan. 31, at 7:30 p. m. the local A. S. M. E. held their first meeting of the new semester. It was strictly a business meeting, no program being presented. Plans were discussed to get Jimmy Haislip, of the Aviation Department of the Shell Petroleum Company, to speak before the A. S. M. E. sometime late in February. Haislip will be remembered as the winner of the Transcontinental Air Derby of the National Air Races at Cleveland this summer. He also won several short races at the air races. He has worked for the Shell Company for several years in collaboration with Jimmy Doolittle, the well-known speed flyer. Haislip has had much experience along mechanical and aeronautical engineering lines and will be a worthwhile speaker.

At the next meeting, which will be Feb. 7, Mr. Hein will give a talk on "Vibration Engineering." Mr. Hein was formerly associated with the Lord Engineering Company at Erie, Penn., and is now doing work here. It will be an interesting talk and it is hoped that the mechanicals will turn out to hear him. All freshmen are invited.

—MSM—

Initiation Held by Kappa Sigma

Nine pledges of Kappa Sigma became nine new initiates in the formal mid-year initiation ceremonies which were conducted Friday night. The new members include Charles Orcutt, Atwood Hibbetts, Frank Haines, Bert Menke, Charles Raser, George Richardson, S. R. B. Cooke, William Sullivan, and John Hubbard.

—MSM—

Attend the St. Pat's dance Tuesday, Feb. 21.

T. S. 'Pete' Dunn, '10, Dies in Car Wreck

Word was received here Saturday, Feb. 4, of the death of T. S. "Pete" Dunn, a Miner of the class of 1910. Mr. Dunn was born Nov. 12, 1881 at Maryville, Mo. He later moved to Waukegan, Ill., and first attended college at the Lake Forest College. He entered the Missouri School of Mines Sept. 18, 1906 and graduated with the class of 1910. During his college career he was very outstanding and made a very commendable record for himself. He was graduated with a B. S. degree in G. S., other degrees he obtained were—M. S. 1914, B. S. in M. E. in 1915, and an E. M. in 1916. He was a member of the Pi Kappa Alpha fraternity, and president of the organization when a senior. He was a member of the Trowel Club and also the president, he was a member of Quo Vadis, and served on the Rollamo Board in 1909.

He married Mrs. Sara Hale in Sept. 1929, at Atlanta, Ga., where he was professor of Geology and Metallurgy, in the Georgia School of Technology, Atlanta, Ga. He resigned from this position in 1931 and went to California where he became associate professor of Mining, Stanford University.

He was employed in that position when he was killed in an automobile accident, Feb. 4, 1933. Mr. Dunn was the cousin of C. R. Wilfley, who graduated from M.S.M. in 1905, and the stepfather of D. P. Hale, who is a junior in school now.

While in school, Mr. Dunn made some very dear friends and he will long be remembered by the people of Rolla, and the professors who knew him in school and those who made his acquaintance elsewhere.

—MSM—

SENIORS ATTENTION!

I am now prepared to check senior graduation requirements and wish to finish them before the end of this month. No individual notices will be sent, but seniors are advised to accept this service promptly. If you wish to check your requirements, get your schedule card in the outer office and see me or Mr. Hubbard.—H. H. Armsby, registrar.

—MSM—

New Librarian Added to Staff

Miss Dorothy Swank arrived here Wednesday to be a new assistant to Paul Howard in the M. S. M. library. Her official duty will be that of cataloguer and she will be an addition to the present staff.

Miss Swank lives in Norman, Okla., and has attended Oklahoma University for five years. Here she secured her B. A. and B. A. L. S. degrees. She has been recently a student assistant in the library there and acting head of the Periodical Department.

—MSM—

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TWO GROUPS IN DEADLOCK

Senior Body Splits

Reconciliation Between Fraternity Men and Independents Dims as Open Break Develops at Council Meeting

Prospects for a reconciliation between the independents and fraternity men grow dimmer as the strain, which has existed for some months, developed to an open breach at a meeting of the Senior Council held Monday night of last week.

After a deadlock over the question of representation of the two groups, the members of the Interfraternity Council offered their resignations, and thus the Senior Council is shorn of its power to legally take action of any kind, being without a quorum.

A secondary cause for the rift was the squabble that has arisen over the refusal of the fraternities to play with the three independent teams in intramural basketball. The fraternities have organized their own league of seven teams, one from each house, have posted their schedule in the gym, and will compete for a cup furnished by themselves.

This appears to be a cause for grief in the Athletic Department since they are obliged to offer the campus intramural basketball cup to the winner of the league composed of the A, B, and C independents, the Tau Bats, and the Nuggets.

In the Monday night meeting, the Interfraternity Council, which originated as an offspring of the Senior Council, with Pinkley as active spokesman, presented a motion that the present Senior Council be abolished, and a new one be created containing five independents and three fraternity men, instead of the existing 11 to 7 arrangement.

The motion failed, whereupon the Interfraternity Council offered another motion to the effect that the resignations of its members be accepted by the members of the Senior Council. The resignations were accepted and the fraternity men left the meeting immediately. Thus deprived of fraternity votes, the Senior Council was unable to do further business.

Some members of the Interfraternity Council had favored a 3 to 3 split but it was thought that this would have had no chance of being passed since it would not show fair representation for the independents who outnumber the fraternity men on the campus about two to one.

So the present dead-lock stands with little hope of being solved this semester. Campus intramural sports

(See SENIOR COUNCIL Page 8)

THE MISSOURI MINER

A weekly paper published by the students of the Missouri School of Mines and Metallurgy, in the interest of the alumni, students, and faculty.

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CAMPUS CRITIC

Edited by Tau Beta Pi

Editor's Note—This column has been granted to Tau Beta Pi in accordance with their wishes set forth in a letter that appeared in our last issue. The Miner does not necessarily subscribe to the views set forth herein and reserves the right to suppress any article that it considers against the best interests of the school.

GRADUATE WORK

There seems to be a policy in effect at M. S. M. which, under the present conditions, is as unique as it is unfortunate. The policy referred to is one which makes it practically impossible for an M. S. M. student to obtain a graduate fellowship or graduate assistantship at this institution, regardless of his merit.

This policy is no doubt a wise one under normal business conditions, when fellowships at other institutions are fairly readily obtainable, for it is generally accepted that graduate work at a school other than one's Alma Mater is very desirable. However, under the present depressed economic conditions, graduate fellowships or assistantships at other colleges and universities are extremely difficult of attainment. This contention is upheld by the following excerpt from a letter received from the dean of one of the large western universities.

"Although there will be a number of fellowships available in this institution next year, I anticipate that the situation will be such that we shall probably wish to follow the plan that we put in force last year, which was to grant these fellowships only to our own graduates. So long as jobs are as scarce as they have been for the last year or two, we feel that we should do everything in our power to keep our own good students in school, and few of them can remain without a fellowship or scholarship of some kind. Should conditions improve materially before next spring, we may reopen our fellowships to graduates of other institutions, but I feel that there is little chance that we shall be able to do so."

With such a policy current in other schools, along with the reverse policy of this institution, it is obvious that students of M. S. M. worthy of fellowships will find them practically impossible to obtain. Such a situation is very unfortunate, inasmuch as it reflects on the good name of our Alma Mater, in addition to robbing some of our best students of the chance of doing graduate work. It is the hope of the writer that this condition may be corrected, and the existing policy be altered, at least until conditions change to such an extent that other schools will again make their fellowships available to our graduates.

The Ballad of the Prodigal Son

"Why coom ye hame sae soon, my soon,
Why coom ye hame sae soon?
Ye're here before the end of Feb.,
Ye used to coom in June."

"Why are ye hame fra' college, son,
Wi' trunk and suitcase now;
The sparwe's scarce begun to chirp
Upon the birchen bough?"

"O mither, mither, don't be sad,
It's bonny," said the son,
"I'll swink nae more till Michaelmas,
Vacation has begun."

"Ye're nae telling the truth, my son,
Your cheek is flushed we' bluid,
Ye're nae telling the truth, my son,
Ye're nae been acting guid."

"O mither, mither, my health is bad,
I'm lene as is a lath,
And I'm sent hame to rest a wee
From moiling on my math."

"Ye're nae telling the truth, my son,
Your eye is sunken doon,
Ye're nae telling the truth, my son,
What brings ye hame sae soon?"

"O mither, mither, I'm put on Pro,
And over cut a class,
The Dean has sent me hame to ye
To bide for aye, alas!"

"Then ye can swink and moll, my son,
And fra' my hame ye'll go,
For I'll nae pay to feed and clothe
A son that's put on Pro."

—Davidsonian.

Dr. C. L. Dake

Head of the Geology Department

Slightly stooped by many years of gazing paisntakingly over mineral and geological samples, and the owner of one of the most contagious smiles on the campus and a dry, flashing humor, the short figure of Dr. C. L. Dake has become a familiar and expected sight on the campus of M. S. M. But the students who come and go, are taught by him, and who take their knowledge with them and pass on, realize that they have been instructed by one of the masters of the science. During the last few years Dr. Dake is being recognized as one of the outstanding geologists of the country.

A brief biographical sketch will show how Dr. Dake has built himself up to a place of national recognition. He was born in 1883 on a farm out of Chaseburg, Wis., and attended the country school not far from his father's farm. He attended high school in Sparta, Wis., and graduated with the highest honors ever bestowed upon a student in that school.

He then enrolled at the University of Wisconsin in 1903 but was forced to discontinue because of illness after one semester's work. His trial at college work was at the River Falls Normal School of Wisconsin in 1907, and he finished the two year's work there in a year and a half. Returning to the university, he received his degree there in 1911 after being elected to Phi Beta Kappa. In 1912, he completed his Master's degree and was elected to Gamma Alpha and Sigma Xi. In the year 1920-21, he returned to Columbia University after having spent much time in the field and at Missouri School of Mines doing geological research work and field practice, and completed work for a Ph.D. Soon after completing the work at Wisconsin, he came here to take courses in mining, metallurgy, chemistry and English. He now has charge of the Geological Department and teaches classes in general geology, petroleum geology, field

geology, map interpretation, advanced structural geology and directs research work.

His field work has been extremely varied and has taken him to most all the areas of North America. There were two years he spent in Canada doing geologic work in the Cobalt mining district, both above and below ground, and reporting on natural resources and taking magnetic surveys. Two summers he took magnetic surveys for the Wisconsin State Geological Department.

One full year he was consulting geologist located in Tulsa and worked throughout most of the southwestern states. Another summer was with the Wyoming Geological Survey mapping country in the mountains that had never been surveyed geologically before. In his subbatical year, 1930-31, he worked a full year in field research problems for the Sinclair Oil and Gas Company studying the pre-Mississippian rocks of the mid-continent field over a large area. During sixteen summers he has worked on stratigraphic problems of the Cambrian and Ordovician for the Missouri Geological Survey.

Nor were his field experiences devoid of excitement. An engineer, you know, gets around more country and runs into more kinds of people than another profession. There was a time in southeast Missouri near Potosi when Dr. Dake found himself gazing into the ugly end of a mountaineer's muzzle-loader when he sought to inspect rocks a little too close to the native's still. One time in trying to return to his camp in the Utah mountains after dark, he found himself lost and his horse on a narrow shelf on a precipice above a sheer 200 foot cliff, unable to go ahead or turn around. He had to camp, without provisions, there all night until he could find out how to get out of his predicament. His camp was surrounded by a forest fire one summer in Cobalt Camp, Ont., and he was only able to save himself by fleeing out onto a lake in a badly leaking canoe, and bailing water on the lake all night, until the fire had died down sufficiently

for him to come ashore to his demolished camp.

In his wanderings, doing geologic work, he has carried a pack 75 miles through Canadian swamps, has traveled over a thousand miles by canoe and many times that distance by horseback, often doing crude surveying as he travelled by counting the horses' steps. He has sketched maps of hundreds of miles of lake shores hitherto unknown, and by merely rowing past them in a canoe, and counting the paddle strokes. He has surveyed hundreds of miles of land by means of a rag tied to the wheel of a buck board. Two summers ago he traveled over 23,000 miles for Sinclair by auto.

Dr. Dake has been connected with the Missouri School of Mines for twenty years, teaching in the winter and doing geological work of various sorts in the summers.

The world is acquainted with Dr. Dake by his extensive writings, most of them on technical subjects of his field. He has appeared in the Journal of Geography, Journal of Geology, American Journal of Science, Bulletins of Geological Society of America, American Association of Petroleum Geology, Society from Promotion of Engineering Education, A. I. M. E., M. S. M., Missouri Bureau of Geology and Mines, and the McGraw Hill Book Company. His two text books are "Field Methods and Petroleum Geology," and "The Interpretation of Topographic and Geologic Maps." He has also contributed many articles to various magazines.

Dr. Dake is mentioned in "Who's Who in America" and four directories of outstanding authors and engineers. For many years he has had charge of this school's exhibits at the International Petroleum Exposition at Tulsa.

Some of the largest and best equipped parties that have surveyed and reported on the structures and possibilities of formations in this part of the country have been conducted by Dr. Dake. From each section in which he has worked, Dr. Dake has collected fossil and mineral specimens which have added considerably to the school collection here and can be used in research work dealing with formations of rocks in the Ozark regions. Much of this material that has been collected is in storage and has never been put into the museum through lack of space.

Dr. Dake is now assembling material for a text-book in engineering geology which will be published soon. In it will appear many of his own findings and methods of research that will be new technique to the geological students of the country.

—MSM—

An Ideal Professor
Has Been Defined

When I come to speak of the qualities essential in a professor, I recognize at once that there are great differences in different fields, especially when one considers technical subjects. But what is common to all professorships, technical or not, is that imagination, curiosity, and desire for new truth which lead a man to a life of investigation. It is a certain attitude toward life combined with industry that is demanded. But is this sufficient? I find that opinions differ. Some think it is. Personally I do not. Regardless of how brilliant a man is, unless he has the proper personality and is devoid of selfishness, and unless he has interest in younger men and power to inspire them, he is not, in my judgment, a suitable man for a university professorship.—Joseph S. Ames, president, in the Johns Hopkins Alumni Magazine.

TUESDAY
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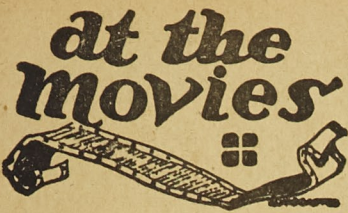
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"UNDERCOVER MAN"

George Raft plays another sleek gangster role in "Undercover Man." Raft is cast as a gangster turned stool pigeon for revenge against a gang of bond robbers, who have murdered his father. He is aided by Nancy Carroll, sister of one of the murdered bond messengers, in his plot to bring Lew Cody, leader of the gang, to justice. Very little attempt is made to make a hero of Raft as is customary in most gangland pictures, but he finally gives up the rackets for Nancy Carroll. There is plenty of realistic drama in "Undercover Man" and the acting is fair. The cast also includes Roscoe Karns as another undercover man, Gregory Ratoff, David Landon and Noel Francis. It's good entertainment.

"BACK STREETS"

Fannie Hurst's great romantic novel has lost nothing in the screen version of "Back Streets" with Irene Dunne and John Boles cast in the leading roles. It is the appealing story of a woman who sacrificed her life for the love of a man with a wife and family, whose only happiness is in the stolen moments when they are together. The romance endures from the gay nineties until the present time. The picture will appeal to anyone who likes a little thought with their entertainment. The acting is excellent.

"NO OTHER WOMAN"

"No Other Woman" is the absorbing story of the wife of a steel worker in a small mill town, who by her extraordinary ambitions raises her husband from the mills to a thriving business. Irene Dunne gives an excellent portrayal of the wife who sticks to her husband through days of hardship only to lose him to a beautiful and mercenary siren, Gwili Andre, and to get him back after a disgraceful divorce proceeding. The picture presents an authentic picture of life in a steel mill town. Charles Bickford is well cast in the role of a steel worker and later a financier. An excellent supporting cast includes Eric Linden as a young office worker and friend of Miss Dunne. It's good entertainment.

"BILLION DOLLAR SCANDAL"

This story was undoubtedly based on the now almost forgotten head lines of the great oil scandal of several years ago. Robert Armstrong as Fingers, a convict on parole, is by a lucky chance in on the ground floor and is making plenty of money. He overreaches, when he falls in love with the mastermind's daughter, Constance Cummings, and is ruined by a fake stork trip. To get revenge, he exposes the whole racket. One day he is the champion of 12,000,000 people and the next day he is out of a job and no chance of getting one. "Nothing is as dead as yesterdays news." The cast includes Olga Baclanova, Frank Morgan and James Gleason.

"MADAME BUTTERFLY"

In this modern version of the famous love story "Madame Butterfly" Silvia Sydney plays the title role. It is the story of a beautiful, high born, Japanese girl's romance with an American naval officer. Cary Grant, who is on the Island. Discov-

ering that under the Japanese law divorce is automatic when a husband leaves a wife, he decides to marry her. He is recalled to the States and leaves telling her that he will return. He does return, years later, but under entirely different circumstances. Therein hangs the tale. Charlie Ruggles offers a comedy relief to the picture.

—MSM—

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10 Per Cent Salary Cut Will Continue

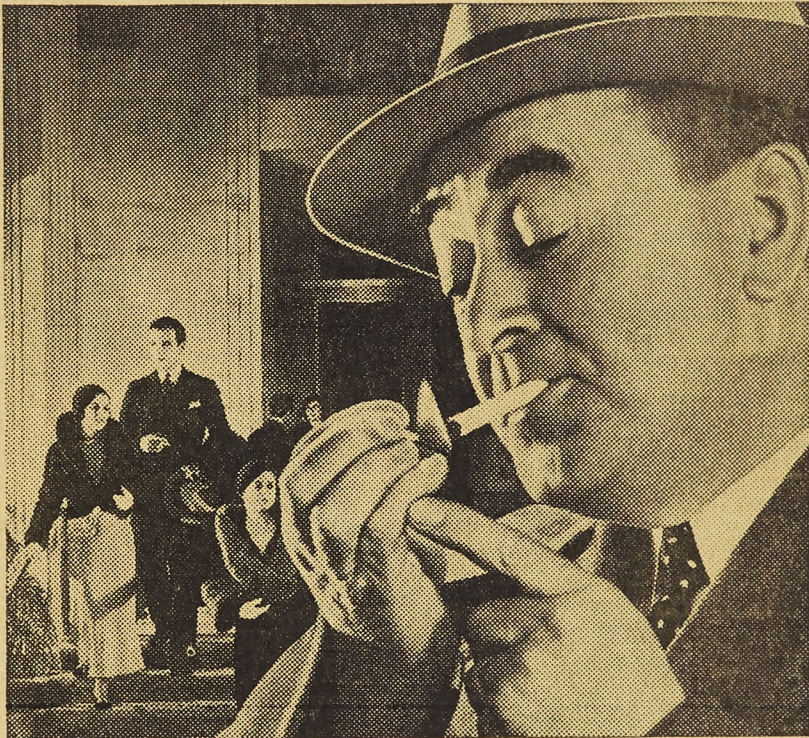
A reduction of 10 per cent in salaries of all members of the faculty and other employees of the University of Missouri receiving \$1500 or more annually has been ordered continued by the Board of Curators. This action was made public here today by President Walter Williams.

In addition, all employees, including teachers, who receive salaries under \$1500 will get a 5 per cent cut. The 10 per cent reduction was first put into effect last Oct. 1 and was for a period of three months. President Williams last year voluntarily reduced his salary from \$12,500 to \$10,000 annually.

—MSM—

The vast majority of the American people are not tax-conscious.—Nicholas Mufray Butler.

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WHEN you ask a Chesterfield smoker why that's his brand—he generally comes right out and says . . . "They're Milder!"

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THEY'RE Milder—
THEY TASTE BETTER

Chesterfield

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THRU THE TRANSIT

By Gordon D. Gin, Alias Squint, Journalist.



Tsk, tsk, "Here it is Monday and we haven't got a line." If someone don't start misbehaving soon this rag will become a lily white journal. We promised to lay off the Prospectors this week (Author's note—Will Col. Settle kindly notice.) and there isn't any copy. We'll have to strain that promise a bit. It seems that Spotti's past is catching up with him. I. C., just who was that little kid that followed you out of the theatre Sunday afternoon crying, "daddy"? Was your face red?

Another case of the forgotten man. One of the watchmen challenged the right of a senior of Ceramics to enter the Bureau of Mines Building. And after Beinlich had just been considering moving a cot over there for the rest of the semester.

It is bruited about that Walter (Taxi) Schamel is on the lookout for a buyer for the Campus Cab Company. In a statement for the press Monday Schamel said that business was good and there was

difficulty in looking after all the calls but that collections were so indifferent that he had decided to abandon the venture.

Jack (Athlete) Bratton's basketball "drawers" will be the death of us yet. All through the game between the K A's and Pi K A's Friday night we were on pins and needles being prepared at all times to rush out on the floor with a top coat to spare the blushes of ladies present, should they slip off. (Editor's note—The ladies?) (Author's note—No. The pants, you idiot.) (Editor's note—Mr. Idiot to you, rabble.) Just one big happy family.

This week's lousiest pun comes from College Humor: Last year they called Mahatma Gandhi "Lollipop," but he's so thin this year that they call him "Stick" Gandhi.

And from George Eckert comes the story about his uncle who worried so much and got so many wrinkles in his forehead that he had to screw his hat on.

Dramatic Club Play at M. S. M. Postponed

Remember "The Patsy" last year, or was it the year before last? Anyway, the William Woods College Dramatic Club presented it once upon a time in Parker Hall to a full house—the girls from Fulton always do pretty well in Rolla. And the dramatic Club is scheduled for another visit to Rolla this year.

However, because of the illness of Miss Osceola Burr, the very able director of the club's plays, it has been found necessary to postpone the presentation of this year's production, originally intended for Feb. 9. So you might just remember the new date for the play—it's to be April 13. There will be no General Lectures program this Thursday.

Here's wishing Miss Burr a speedy recovery.

SPORT SLANTS

High Scorers

Seiberling, 45, Independent C.
Graff, 42, Independent B.
Thomas, 35, Independent C.
Lischer, 29, Independent B.
Thole, 22, Independent C.

Intramural Standing

	W	L	Pct.
Independent B	5	0	1.000
Independent C	3	3	.500
Tau Beta Pi	2	2	.500
Independent A	0	5	.000

Schedule

Independent A vs. Tau Beta Pi, Thursday, Feb. 9, 7 p. m.
Independent B vs. Independent C, Thursday, Feb. 9, 8 p. m.
Prospectors vs. Kappa Alpha.
Mercier vs. Triangle.
Pi K A vs. Lambda Chi.
Sigma Nu vs. Kappa Sigma.

Schedule

Prospector vs. Kappa Alpha, Lambda Chi referee.
Mercier vs. Triangle, Kappa Sig referee.
Pi K A vs. Lambda Chi, Prospector referee.
Sigma Nu vs. Kappa Sig, Triangle referee.
Prospector vs. Kappa Sigma, Pi K A referee.

—MSM—
BOOST ST. PAT'S

St. Pat's Program Gets Under Way

With that much looked forward to event, St. Pat's, in the near future, plans for the gala occasion are rapidly taking definite shape.

The St. Pat's Board has received numerous bids from famous orchestras including Ace Bargode and his Virginians, now playing in Cincinnati; Paul Sels, now at the Muehlebach in Kansas City, followed on Feb. 10 by Red Nickels and His Five Pennies, who stay there until March 10; Herlie Kay, still playing to big crowds in Chicago; Frankie Trumbar, of trumpet fame; Duke Ellington, the Harlam knight; Jimmie Joy and Jimmy Garrigan.

With these to choose from there is no doubt of our having a great orchestra for this occasion.

Do You Know That

If all the horses in the country were placed end to end, there is nothing like a cold shower in the morning.

It is farther from here to Paris than it is from here to Pittsburgh.

We have had fine weather this winter, and fifteen Chinamen died coming over here in packing boxes.

If all the bottles of Coca Cola that are consumed in one year were stacked beside the Woolworth building, a heck of a lot of people would cut their feet.

An Australian bird that stands on three legs and has three letters, the first two being H is not a dodo bird.

If all the cross-word puzzle books were burned who would light the fire.

There are more overshoes sold in Michigan City than in Atlantic City. The United States and the Jews are the greatest nations on the North American continent.

If Niagara Falls were in Peoria, Ill., were would Peoria be.

If Alexander the Great had conquered New Guinea, what key would the Star-Spangled Banner have been written in.

There was more barbed wire used in Verdun than there is around Tammany Hall.—Megaphone.



ILLUSION:

The stage is all set for target practice. The magician lifts his bow and aims an arrow at the bull's-eye. His lovely assistant then steps in front of the target and he shoots the arrow—apparently through her—and it fixes itself in the very center of the bull's-eye! And she smiles through it all while the audience gasps.

EXPLANATION:

The arrow which the marksman "shoots through" his assistant simply folds up into the crossbow! The arrow which is actually embedded in the target is shot by the girl herself from a belt concealed under her dress. She releases a little spring, the arrow unfolds, and shoots straight into the bull's-eye! It is all done in a flash! So quickly the eye cannot detect the girl's movements! To heighten the impression that the arrow has gone right through, the girl releases a ribbon from the front of her dress—the continuation, apparently, of the ribbon attached to the arrow in the target.



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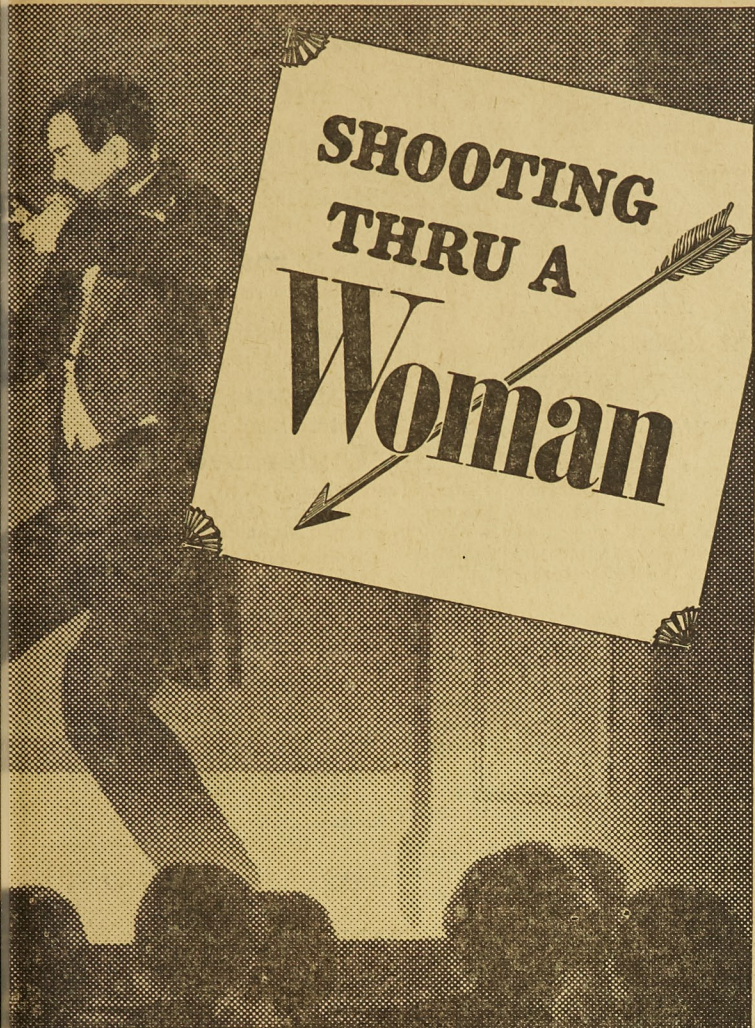
CAMELS

It's to be
... more f

Like tricks? Then let's look at illusion in cigarette. "Cigarettes and Y

The that by certain magic can be made as soon as medicine.

EXPI easiest cigarette on your cigarette that is made of ripe tobaccos. Cheap are, as you would natural in their effects upon



It's to be fooled — ...more fun to KNOW

Like... Then let's
look... illusion in ciga-
rette... "Cigarettes
and Y

That by certain
magic... can be made
as so...
exp...
on y...
made...
Cheap...
natural...
upon

If you have to consider your throat,
the quality of the tobacco in your
cigarette is important.

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leaf tobacco experts, that
Camels are made from finer,
MORE EXPENSIVE tobaccos than
any other popular brand.**

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rette can be because Camels use choice,
ripe, tobaccos.

And because of the matchless blend-
ing of these costlier tobaccos Camels
have a rich bouquet and aroma... a
cool, delicious flavor.

Keep the air-tight, welded
Humidor Pack on your Camels
...to assure yourself and your
companions a fresh, cool smoke.

**NO TRICKS
...JUST COSTLIER
TOBACCOS
IN A MATCHLESS BLEND**

The Original Mining Engineer

Chapter II

Life of a gold-digger was (and is)
a short one and a merry one. This
was true of both Pat and Shovel, for
neither of them could stand the
hard life of a mining camp for long.
Pat outlasted Shovel by only a few
years, and in that short time invent-
ed practically all the machinery
used in mining today.

It was not until Shovel had pass-
ed to his reward, that his useful-
ness and importance to the mining
industry became apparent. While
Shovel was still around, the Valley
miners experienced no trouble in
getting ore out of the ground. Sho-
vel's peculiar amusement of root-
ing always stood the miners in good
stead, for Shovel always left bare
many miles of good ore-bearing
gravel. He would start on one of
these rooting sprees at the base of
a mountain and in an hour's time
have a gash cut through it that
would keep the miners busy for
many days.

Shovel also was the cause of the
discovery of the dredging method
of mining. Besides rooting, his fa-
vorite sport was wallowing in the
river. His elephant instinct must
have come out in him at the times
he wallowed because he would draw
up a snoot full of water and shower
it out upon the bank. Miners dis-
covered that the mud he threw out
contained a high grade ore. They
didn't do anything about it other
than to wash the ore out. When
Shovel wouldn't wallow, the miners
could get no ore.

It was not until after Pat had
worked out his claim that he could
afford to have the utensils that av-
erage size miners had. He swore
that the first \$10,000 worth of gold
he mined would be spent on a cook-
ing kit that he could use. Conse-
quently, he obtained a complete out-
fit after his claim started to pro-
duce. His frying pan was made of
cast steel, and after Pat's demise
was installed on a mountain top
near the camp and used for a water
storage basin for the 5000 miners
who had migrated to the Valley. The
knife, fork, and spoon had been
fabricated back East and shipped
out at a cost of \$1500 a unit. The
blade of the knife later saw service
in the mine as a tunnel roof lining.
Pat had it made concave so that he
could get a decent mouthful of
beans on it at a time. The most use-
ful article in the cook-kit, though,
was the spoon. Pat sacrificed its
use as an eating implement to use
it as the dipper in the first crude
steam gold-digger.

Upon Shovel's demise, there was
a hue and a cry sent by the miners
for some device to root up the
ground after the manner of Shovel.
Pat was greatly sorrowed at the
passing of his pet, but in order to
get his mind on something else, he
tried inventing. The perplexing
problem of a rooter that would even
compare with Shovel was the first
one he tackled. He would sit for
hours with his back against a moun-
tain and gaze down into the Valley
trying to see some solution to his
problem. The Valley seemed noisily
quiet to Pat as he listened by habit
for the thunder of Shovel's tread.
Pat could bring nothing into his
mind but pictures of his beloved
Shovel, and it was while he was
imagining that he saw Shovel root-
ing out a valley in the terrain that
his ear got to itching violently.

"Mine idgin ear!" exclaimed Pat,
and presto, the device was invent-
ed. Pat lumbered over to his camp
and rummaged through his belong-
ings for material to construct his
machine. He came upon his prized
possession, the cook-kit, and found

there the piece that would be the
foundation of the new machine. He
yelled to the machinists down at
the workings, about a mile and a
half away, with such force that he
unroofed the tool-shed and the wash
house. The very excitement in his
voice brought the men running as
soon as they had recovered from
the shock.

Pat's first instructions to the ma-
chinists were to rig up a steam
engine so that an ordinary man
could handle the spoon from the
monstrous cook-kit. Some means for
moving the machine was necessary,
so Pat thought a while and came
forth with the idea for the locomot-
ive crane.

The machinists got busy, and in
a few days were ready to install the
spoon in its new rigging. Pat
brought it over and helped handle
it until the work got too delicate
for his enormous hands. With Pat's
irrespressible optimism to spur them
on, the machinists quickly prepared
the device for its first trial.

The word traveled down the
Valley like wild fire, and all the
miners gathered to see the new-
fangled digger that would do the
work of Shovel. The machine was
run up to a worked-out bank, and
with steam up awaited the signal
for the try-out. At a nod from Pat,
the operator turned the steam into
the cylinders of the engine and
hauled back on a lever. The great
spoon, swished out with surprizing
agility, bit into the gravel, and came
up heaping full of ore. Another pull
on a lever swung the boom around
and the spoon deposited its load at
the feet of the breathlessly watch-
ing miners.

One old-timer in the front lines
spoke his excited mind in a manner
that gave the device its name. He
threw his hat into the air and
shouted, "It's the Devil brought
Shovel back to run by steam from
the infernal regions!"

The miners took up the cry and
"Steam Shovel" has been the name
of the thing ever since.

Continued Next Week

MSM

Kappa Sigma Goes Hoodlum at Dance

Club Ravelli lasted through last
Saturday night without being once
raided, and without a single guest
being put on the spot in spite of all
the tough characters—gangsters and
molls—that frequented the low dive
into which the Kappa Sig house was
converted in their annual Bowery
Brawl.

Al Gerber's Travelers from St.
Louis furnished the music for the
turpsichorean contortions which
last way into the wee hours. About
eighty guests were identified
through the peep-hole by Ravelli,
the racketeer, and admitted. Walls
were threateningly garnished with
signs and pornographic portraits in
the spirit of the wicked occasion.

After a ten hour police grilling
Ravelli squealed and admitted the
presence to his hangout under the
guise of chaperons—Lt. and Mrs.
Itchner, Mr. and Mrs. Sam Lloyd,
Mr. and Mrs. H. S. McQueen and
Mr. and Mrs. Love.

MSM

Interfraternity Council Holds Meet

The Interfraternity council held a
meeting last Wednesday night, Feb.
1, in the club room. There was no
special business and after the regu-
lar routine business had been tran-
sacted the meeting was adjourned
until a later date.

MSM

Stalin is individualism trium-
phant. He has submerged himself
completely.—Rabbu Leon Feuer,

OLE STUFF

15 YEARS AGO THIS WEEK

The Miners were defeated by Drury, 59-20; 40-20; and by the Teachers, 56-19. Springfield doesn't appreciate the Miners.

The Junior Class will present on Friday, Feb. 8, their annual play. The two-act operetta is titled, "The Lass of Limerick Town."

The electric lights are usually turned off at 10:00 p. m. but in order to give play goers a chance, they will be kept on until 12:00 M. one night each week.

Prof. C. L. Dake is seriously ill with pneumonia, at Tulsa, Okla.

Many letters have been received by The Miner from the "boys in Kahki."

10 YEARS AGO THIS WEEK

The basketball team is traveling. Next week they play Illinois College here.

The American Legion will hold an open meeting this week.

The death of O. B. Amsden, '75, is announced. Mr. Amsden was one of M. S. M.'s earliest students, having come here in 1874.

Prof. Forbes is offering a summer course in Field Geology.

Add Simile: Nowadays when a man reaches for his hip pocket you don't know whether it is a threat or a promise.

5 YEARS AGO THIS WEEK

It is unofficially reported that Harold Grant of Emporia College, Kan., will coach the Miner eleven next year.

The Miners beat Central 39-33.

Pi Kappa Alpha was the winner of the scholarship cup.

The enrollment this semester is 503.

The M. S. M. Band, under the direction of Jno. W. Scott, gave a concert last Thursday night in Parker Hall to a full audience.

MSM

Farnham Develops Geophysics Course

F. C. Farnham will teach a new four-hour course in geophysics this semester. This will differ in many respects and cover the field more completely than a two-hour course given the fall of 1931. Many new phases of the work have been developed since this time, when there was a class of three men.

The present course has eight enrolled and one doing special work. In class will be taught the physics underlying the instruments used in geophysical prospecting of various types. The course is given in cooperation with the Mining and Geological Departments and is hoped to be a regular part of the curriculum within a short time.

Two lecture periods will meet Tuesday and Friday afternoon and all day Saturday the men will do laboratory work which will include field trips to mines, ore and geological deposits within a 50 miles radius of Rolla.

Those now enrolled in the class include Denton, Green, LaFollette, Martin, Montgomery, Richmond, Seiberling, Swalley, and advanced student, Hibbets.

MSM

Uniting Schools of N. J. Is Opposed

NEWARK, N. J.—(IP)—A proposal to merge Dana College, the Seth Boyden School of Business and the New Jersey Law School, all of this

city, with Rutgers University as a Newark branch of that state university, is being strongly opposed by students of all three Newark institutions.

Chief objection raised at a mass meeting of the combined student bodies was that the traditional liberalism of the Newark colleges would be impaired by being joined with a state institution, all state universities being more or less conservative in their outlook, the students assert.

MSM

New Rules Adopted for Registration

The following rules have been adopted by the faculty to take effect beginning with the pre-registration for the fall of 1933:

Permissible schedules.—Juniors and seniors whose average grade up to the time of pre-registration is below 1.75, and all freshmen, sophomores, special students and unclassified students will be limited to a maximum schedule of 20 credit hours, except those sophomores whose schedules include basic military may schedule a maximum of 21 credit hours.

Juniors and seniors whose average grade is 1.75 or higher may register for 22 credit hours.

Juniors and seniors whose average grade is 2.00 or higher may present to the Committee on Credits and Schedules requests to be allowed to schedule more than 22 credit hours. Such requests will be handled as special cases and decided by the committee on each case individually.

A student with an average grade of "M" or better may schedule advanced military courses in addition to his required schedule; otherwise, he may carry advanced military courses only as part of his permissible schedule.

In computing the averages, incompletes are counted on the same basis as "T" grades.

MSM

Architect Draws Thirteen Spades

ATLANTA, Ga., Feb. 4.—Last Monday night at the Kappa Sigma house, the first recorded perfect bridge hand was dealt at Georgia Tech. John Sanford, a senior in the

Dr. B. E. C. SLAWSON

Dentist

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STUDENT CRUISES

Magazine subscription scholarship workers and crew managers write immediately for very best student scholarship offers of leading publishers. Can be worked there now. Permanent positions if experienced, also summer crews for U. S. and foreign territory. For full details write—

The Collegiate Scholarship Institute

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Miami, Florida

architect department, was the holder of the unusual hand.

It has been figured out by experts that the chances of drawing a perfect hand of thirteen cards in one suit are one in approximately fifty-three million.

After examining the hands more closely it was discovered that the opponents could have saved many points by bidding seven no-trump, since they could have made six and added to their laurels in bridge strategy.

MSM

New Rules Might Stop Poor Passing

NEW YORK—(IP)—When a football team finds itself hopelessly behind, what does it do? It begins a hodge-podge of forward passing, anywhere on the field, with the result that most one-sided football games end up in a ver yunscientific tossing of the ball all over the stadium.

To correct, if possible, this apparent deficiency in the national college game, a "committee of twenty" football coaches will meet here within a few days to make suggestions to the national football rules committee. Suggestions already made are:

1. That the penalty for two successive incomplete passes be increased from five to 15 yards.

2. That forward passes be permitted from any point behind the scrimmage line instead of at least five yards behind the line.

3. That a forward pass caught by the defense after it has touched an ineligible receiver be ruled an intercepted pass instead of an incomplete pass, as at present.

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PROGRAM

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THURSDAY and FRIDAY
Feb. 9 and 10

'Prosperity'

with Marie Dressler and Polly Moran

"The Golf Chump"

with Edgar Kennedy.

Admission, 10c & 35c.

SATURDAY, Feb. 11

MATINEE and NIGHT

'Undercover Man'

with George Raft, Nancy Carroll,

Lew Cody and Roscoe Karns.

"Torchy's Night Cap" and a cartoon

Matinee, 2:00 p. m., 10c & 25c.

Night, 7:15 and 9:00, 10c & 35c.

SUNDAY, Feb. 12

MATINEE and NIGHT

'Back Street'

FANNIE HURST'S

with Irene Dunne, John Boles,

June Clyde, and Zasu Pitts.

"NEWS" "Cocky Cock Roach"

and "MAGIC CARPET"

Matinee, 2:30 p. m., 10c & 25c.

Night, 7:15 and 9:00, 10c & 35c.

MONDAY and TUESDAY

Feb. 13 and 14

'No Other Woman'

with Irene Dunne, Chas. Bickford,

Gwili Andre and Eric Linden.

"Sleepy Time Down South" and

"Bring 'Em Back Sober"

"Passing the Buck" Adm. 10c & 35c

WEDNESDAY, Feb. 15

Bargain Night

'Billion Dollar Scandal'

with Robert Armstrong, Constance

Cummings, Olga Baclanova, James

Gleason and Irving Pichel.

"Municipal Band Wagon"

"Pots and Pans" "NEWS"

Two for the price of one—10c & 35c

THURSDAY and FRIDAY

Feb. 16 and 17

'Madame Butterfly'

with Sylvia Sidney, Cary Grant

and Charlie Ruggles.

"STRANGE INNERTUBE"

with the Taxi Boys.

Admission, 10c & 35c.

TUESDAY



MINER

G.

Central

M. S. M. L.

15-8, B

When W

Burst of

The Miner fast game to basketballers day night. Jewell was the fall of the M for fourteen o most of the rally staged a that gave the Jewell team.

At the half ing 15 to 8 a half to increa did and with in sight were den burst of ability netted five a victory two point lea ended and he game was not though there each team, Jo for the Mine Miners, led th points. The a

(See BASI

Intramur

Tau Beta Pi, The Tau Beta Pi a victory ove team by a Lenz, high po for the victo from the midd followed by who duplicate victors their

Thomas, of th nine points of Independent B In a game w more decisiv playing with Independent Lisher account points while I scored 7 point for his team.

Independent I The Tau Be a strong attac pendent A te E's had no tr up a good lea Beta Pi men scored 13 of h Independent C Led by Seib ed a third of Independent C pendent A's division champ

Just as libe radicalism, a sistent conser reactionism.



SPORTS



MINERS DROP GAME 24-22

Central 35; Miners 17

M. S. M. Leads at Half Time, 15-8, But Falls Behind When William Jewell Shows Burst of Speed

The Miner quintet dropped a close fast game to the William Jewell basketballers at Liberty last Monday night. Thompson of William Jewell was the cause of the downfall of the Miners as he accounted for fourteen of his team's points and most of these were scored in the rally staged at the end of the game that gave the victory to the William Jewell team.

At the half the Miners were leading 15 to 8 and started the second half to increase this lead which they did and with the end of the game in sight were leading 21-17 but a sudden burst of speed and seeming ability netted the William Jewell five a victory as they went into a two point lead just before the game ended and held it to the finish. The game was not exceedingly rough although there were 12 fouls called on each team, Joslin going out on fouls for the Miners. McGregor, of the Miners, led them in scoring with 12 points. The absence of Capt. Gross

(See BASKETBALL Page 8)

Intramural Basketball

Tau Beta Pi, 22; Independent C, 21
The Tau Beta Pi team eked out a victory over the Independent C team by a last minute rally. Bill Lenz, high point man of the game for the victors sank two long shots from the middle of the floor and was followed by his team mate Picco who duplicated the feat to give the victors their one-point advantage. Thomas, of the Independent C's had nine points of his team's final score.

Independent B, 27; Independent A, 21
In a game which would have been more decisive had Hoffman been playing with the B's, they beat the Independent A's easily. Graff and Lisher accounted for 17 of their 27 points while Red Brown of the A's scored 7 points and was high scorer for his team.

Independent B, 33; Tau Beta Pi, 15
The Tau Beta Pi team fell before a strong attack of the strong Independent A team. The Independent B's had no trouble at all in piling up a good lead and holding the Tau Beta Pi men down. Graff of the B's scored 13 of his team's points.

Independent C, 23; Independent A, 17
Led by Seiberling, who contributed a third of his team's score the Independent C team crushed the Independent A's in their drive for the division championship.

MSM

Just as liberalism would become radicalism, a thorough and a consistent conservatism would become reactionism.—Arthur Franck.

St. Louis U. Seeks State Championship

With a record of five wins out of seven games played, the St. Louis U. cagers are trimming themselves for a shot at the state championship. So far, the Billikens have skipped lightly through the hardest competition, having defeated both Washington U. and Missouri U. The decision of the state championship still awaits the outcome of another game with Washington, two with Rockhurst, and one with the Missouri Miners. A tilt with a Big Ten team, Illinois, of course, will not count in the state lists.

The Bills have only two seniors on their list, the rest being sophomores. What they do this year will probably be overshadowed by the most probable excellence of play in the next two years that the present members of the team will serve.

MSM

I am afraid that we are now in a very arid period of culture. Maybe there will be a return to absolute simplicity.—Paderewski.

TANK TEAM WINS MEET

M. S. M. Takes Lead

Miners Take Season Opener From Westminster, 45-30; To Meet Kemper at Boonville Saturday

The Miner swimming team led by Capt. Bill Kay won in its first meet of this season by downing the Westminster tanksters 45 to 30. The meet was held in the Westminster pool last Saturday night.

The first event, the 100 yards free style, was won by Rose of the Miners, the time being very good but the waves in the pool after that slowed down the following swimmers greatly. The Miner team showed its superiority throughout the meet. In the 160 yards relay, the Miner team composed of Kruse,

(See SWIMMING Page 8)

Interfraternity BASKETBALL

Mercier, 18; Sigma Nu, 11

With Jimmy Murphy playing a "bang up" game of basketball and showing the rest of the boys just how the ball is to be put through the hoop, the Merciers, in their fourth game of the tourney, defeated the Sigma Nu's, 18 to 11.

Pi K A, 39; Kappa Alpha, 4

After a very slow start the Pi K A's defeated the Kappa Alpha team 39 to 4.

Lambda Chi, 17; Triangle, 13

The Lambda Chi Alpha quintet downed the Triangles last Friday to the tune of 17-13. The game was fast and hard fought all the way through with a total of seventeen fouls being called. Score at half time was 10 to 3 Lambda Chi.

Interfraternity Basketball Standings

	W.	L.	Pct.
Pi K A	4	0	1.000
Prospector	2	1	.666
Triangle	2	2	.500
Sigma Nu	2	2	.500
Lambda Chi	2	2	.500
Mercier	2	2	.500
Kappa Sigma	1	2	.333
Kappa Alpha	0	4	.000



BASKETBALL

Continued from Page 1

was greatly felt but due to illness he was unable to make the trip.

Wm. Jewell—24	F.G.	F.T.	F.
Thompson	.6	2	3
Demasters	.0	0	2
Pratt	.2	0	1
Billings	.0	0	0
Molloy	.0	2	3
Ballew	.0	0	3
Croze	.1	0	0
Walker (c)	.1	0	0
Cumpton	.0	0	0
Totals	.10	4	12

The Miners lost the second game of the week when they met the Central Eagles, at Fayette, on Tuesday night. Just coming from the hard game of the night before and handicapped by the loss of Capt. Gross and the small gym that the Eagles are so used to using, the Miner team was no match for the steady playing of the Central quintet. The game was marked with a great deal of roughness although only 11 fouls were committed per team, one less than the night before. The Central team was led by two season men of the last two seasons who scored 18 of their team's points; namely, Burgess and McMahon. The Miner team was the same as the night before with Joslin and McGregor sharing the scoring honors for the team. As the game progresses it was necessary for two regulars, Joslin and Everett, to be replaced by substitutes as they both committed four fouls. One of the men of the Eagle squad also had to be removed for the same reason. This was the last game for the Miner team until the Drury game which is Tuesday, Feb. 7 at Rolla after which they meet Springfield Teachers, Cape Girardeau Teachers and St. Louis U. the following week. The first three games being played on the home floor and we hope with the presence of Capt. B. Gross.

Central—35	F.G.	F.T.	F.
Innes, R.	.3	1	1
Burgess	.4	2	1
France	.0	2	4
McMahon	.4	0	3
Bingham	.2	0	1
Wolemann	.0	0	0
Innes, C.	.1	0	0
Monroe	.0	0	0
Randolph	.0	0	0
Hitz	.1	0	0
Grujton	.0	0	0
Burcham	.0	0	0
Buchholtz	.0	0	0
Thompson	.0	0	1
Totals	.15	5	11

Miners—17

Wm. Jewell—24	F.G.	F.T.	F.
McGregor	.3	0	1
Mooney	.0	0	0
Beard	.1	0	0
Joslin	.0	0	4
Wehrman	.0	1	0
Richmond	.1	1	1
Wommack	.0	0	0
Everett	.0	0	4
McDonald	.0	0	1
Totals	.5	7	11

MSM

Coal mine dumps at Macon, Mo., formerly considered worthless, are being used for fuel in a power house.

Continued from Page 1

SENIOR COUNCIL

under the supervision of Coach Grant and Junior Brown, who are regularly responsible for the planning of schedules and games, have been disrupted.

The officers of the Interfraternity Council will continue to function in the settling of questions which may arise among the seven fraternities.

MSM

SWIMMING

(Continued from Page 4)

Kay, Rose, and Gettier won easily by a length. The 220 yard free style was the most exciting of the evening. It is an eleven length swim and McLaffard of Westminster led the first 10 lengths with Kruse of M. S. M. close behind. In the last lap, Kruse stepped out with all he had and finished the victor by a foot, bringing another first to the Miner team.

The M. S. M. team journeys to Boonville next Saturday to meet Kemper Military Academy, and the following week meets Washington U. in St. Louis. Their first meet at home is on Feb. 25, with Westminster.

Summary

100 Yards Free Style.—Rose (M. S. M.) first; Kay (M. S. M.) second; Longergon (Westminster) third. Time 67.0 seconds.

40 Yards Free Style.—Yantes (Westminster) first; Gettier (M. S. M.) second; McClure (Westminster) third. Time 22.7 seconds.

220 Yards Free Style.—Kruse (M. S. M.) first; McTofard (Westminster) second; Darner (Westminster) third. Time 193.0 seconds.

100 Yards Back Stroke.—Borgstede (M. S. M.) first; Van Cleve (Westminster) second; Badame (M. S. M.) third. Time 130.9 seconds.

160 Yard Relay.—Kruse (M. S. M.), Kay (M. S. M.), Rose (M. S. M.), Gettier (M. S. M.). Time 127.2 seconds.

100 Yard Breast Stroke.—Weigel (M. S. M.) first; Knoll (M. S. M.) second; Cann (Westminster) third. Time 123.9 seconds.

Dives.—McLaughlin (Westminster) first; Fisher (Westminster) second; Brown (M. S. M.) third.

120 Yard Medley Relay.—Borgstede (M. S. M.); Weigel (M. S. M.); Gettier (M. S. M.).

MSM

COUNCIL

(Continued from Page 1)

was established for the following purposes: "To aid the university in realizing some of its legitimate purposes through a systematic and understanding presentation of its problems to the public; to assist the university to obtain its proper objectives by encouraging persons of means to aid the university by private gifts; to emphasize the need of particular projects which can be approved by the Board of Curators and to endeavor through directed efforts to secure the financial assist-

D. J. Walter, M. D.

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ance necessary to carry the projects to successful conclusions; to be consulted by the Board of Curators in an advisory capacity when the occasion demands, upon general policies connected with the university's development."

The new council is a truly representative group. Its members are all prominent in their fields of endeavor. A complete list of the names of the men on the council would contain those of lawyers, bankers, journalists, doctors—and, perhaps of more interest to students of M. S. M., there are several engineers.

MSM

Guy Study Speaks on Ancient Rome

Last Thursday night, Guy Study, well known St. Louis architect, appeared on the General Lecture program to speak on "The Greatness of Ancient Rome."

His lecture consisted of an explanation of slides made from photographs of the ruins of Rome as they are today and drawing showing the buildings as they appeared in the days when Rome was in its prime. He talked on the Pantheon, the Forum, the Circus Maximus, the famous Roman baths and the great sewer and water supply systems. Of these there are but few that are still in a good state of preservation today but it was interesting to know that the sewers erected as far back as 200 A. D. are still serving the city of Rome and much of their water comes in the same manner as it did twenty centuries ago.

He went into rather great detail on the Forum and its buildings and columns, some of which are still standing. Much credit is given to the architects of that time in the construction of those famous works as they make the modern building look like a mere dwarf. The Circus Maximus, a great bowl such as Soldiers Field of Chicago and the Yale bowl when first constructed held 90,000 spectators but after being enlarged by the next emperor it held 140,000 people which is quite a few people in any one spot. He also described the habits and entertainments of the Romans as shown by their buildings. There are the famous Roman baths on which he also dwelled for some time telling of their beauty, size and use. The Pan-

theon, a building well known to most history students, was described as a marvelous feat of architecture as its base is a perfect circle and the dome and floor make another circle the same size. So huge is it in extent that the hole at the top of the dome that is used for letting in the light and is 25 feet across does not let enough snow or rain in to change the temperature on the floor which is nearly constant the year around. Not a bad idea for a few of the modern buildings to adopt.

The lecture was of great interest to one interested in history but contained very little that was directly connected with engineering of that time or this.

MSM

There need be no apprehension that American institutions will be endangered by any contact with radical doctrine if our government can be wrested from the grip of concentrated wealth and taken back by the people.—Gifford Pinchot.

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